

**Field Engineering and Technology**

**Review of *Motor Industry* unit standards**

<b>Subfield</b>	<b>Domain</b>	<b>ID</b>
Motor Industry	Automotive Workshop Engineering	5743
	Coachbuilding	11698-11703, 11705-11707, 11710, 11711, 11715, 11717, 19633, 19635

The MITO New Zealand Incorporated has completed the review of the unit standards listed above.

**Date new versions published November 2021**

**Planned review date December 2025**

**Summary**

MITO reviewed motor industry unit standards to ensure they are fit-for-purpose for the industry sector. MITO was supported by the motor industry's coachbuilding working group including subject matter experts and MITO representatives. The standards were circulated to the working groups' networks, and a consultation period was held. Feedback received was actioned where appropriate.

**Main changes**

- Guidance information, outcomes, performance criteria and range statements of units were updated to ensure relevance to industry practice and to reflect the intended outcome of the standards.
- Titles, levels and credits were amended to align with content changes.
- Unit standards 19633 and 19635 were expired due to little usage in the last two years, and no anticipated usage in the future.
- A new unit standard was developed to address skills and knowledge gap in fitting and testing hydraulic or pneumatic components in the coachbuilding industry.

**Category D unit standards will expire at the end of December 2023**

**The last date for assessment of superseded versions of Category B unit standards is 31 December 2023**

**Impact on existing organisations with consent to assess**

<b>Current consent for</b>			<b>Consent extended to</b>		
<b>Nature of consent</b>	<b>Classification or ID</b>	<b>Level</b>	<b>Nature of consent</b>	<b>Classification or ID</b>	<b>Level</b>
Standard	11698, 11699, 11700, 11701, 11707, 11710	3	Standard	11698, 11699, 11700, 11701, 11707, 11710	4
Standard	11717	2	Standard	11717	3

**Detailed list of unit standards – classification, title, level, and credits**

All changes are in **bold**.

<b>Key to review category</b>	
<b>A</b>	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
<b>B</b>	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
<b>C</b>	Major changes that necessitate the registration of a replacement standard with a new ID
<b>D</b>	Standard will expire and not be replaced

Engineering and Technology > Motor Industry > Automotive Workshop Engineering

ID	Title	Level	Credit	Review Category
5743	Demonstrate knowledge of metals used on vehicles, and the effect of applying heat to metals	4	6	B

Engineering and Technology > Motor Industry > Coachbuilding

ID	Title	Level	Credit	Review Category
11698	Measure, mark out, cut, assemble, and fit body framing in the coachbuilding industry	3 4	7 8	B
11699	Measure, mark out, and make and assemble sub-frame for a vehicle in the coachbuilding industry	3 4	5 6	B
11700	Make and fit floor to a vehicle sub-frame in the coachbuilding industry	3 4	5 6	B
11701	Make and fix exterior panels to framing in the coachbuilding industry <b>Measure, mark out, cut, and fit exterior panels to vehicle framing</b>	3 4	6 7	B
11702	Make and fit a vehicle door in the coachbuilding industry	4	7 8	B
11703	Make and fit vehicle steps in the coachbuilding industry	4	4 5	B
11705	Identify insulation and lining materials and fit to a vehicle in the coachbuilding industry <b>Fit insulation and lining to a vehicle in the coachbuilding industry</b>	4	4	B
11706	Make and fit a roof frame and panels to a vehicle in the coachbuilding industry	4	6 7	B
11707	Make and fit a wheel arch to a vehicle in the coachbuilding industry	3 4	4 5	B
11710	Demonstrate knowledge of vehicle body frame construction and body panelling in the coachbuilding industry <b>Identify vehicle body frame construction and body panelling in the coachbuilding industry</b>	3 4	3 4	B
11711	Interpret vehicle drawings and job specifications for coachbuilding, and produce a sketch with relevant measurements	4	3 4	B
11715	Fit out the interior of a passenger service or motor home type vehicle	4	8	B
11717	Perform calculations in the coachbuilding industry <b>Describe fits, tolerances and metal bending allowances and perform calculations in the coachbuilding industry</b>	2 3	3	B
19633	Remove and refit or replace existing interior components from and to a vehicle in the coachbuilding industry	3	10	D

ID	Title	Level	Credit	Review Category
19635	Identify and maintain equipment used for coachbuilding operations	2	3	D
<b>32987</b>	<b>Fit and test hydraulic or pneumatic components in the coachbuilding industry</b>	<b>4</b>	<b>8</b>	<b>New</b>